

From boatanchors@theporch.com Mon Oct 14 04:01:08 1996
From: Hadley Allhands <had@halcyon.com>
Subject: **HQ-170 Parts Needed
Message-ID: <Chameleon.4.01.2.961013132050.had@.halcyon.com>

Hi Gang,

Well yesterdays Kitsap ARC Fleamarket (WA State) yielded a very nice HQ-170C. Nice mechanical and electrical shape (= 's works good).

I would like to find the matching speaker and the knobs for the band switch and clock.

Thanks & 73

Had

Name: Hadley Allhands, K7MLR
E-mail: had@halcyon.com hadley@arva.com

From boatanchors@theporch.com Mon Oct 14 15:26:37 1996
From: "Chuck Rippel" <crippel@exis.net>
Subject: RE: 75A-4 Question
Message-ID: <199610141346.JAA32641@marlin.exis.net>

I have heard of 75A-4 serial numbers as high as 58.. something.

+++++

Chuck Rippel Real Radios Were Made in
crippel@exis.net Cedar Rapids, Iowa
Collins Collectors Association
+++++

From boatanchors@theporch.com Mon Oct 14 15:26:37 1996
From: bkh@bwab.se
Subject: Alexanderson Alternator
Message-ID: <199610140929.LAA15378@mailbox.swip.net>

This morning I've been in telephone contact with the man in charge of the Test transmission from the Alexanderson Alternator in Grimeton Sweden.

The correct time is October 23, 1996 at 0900-0930 UT.

The message will be in English and sent twice with a speed around 12 wpm.

The Alternator will be used with it's full pwr and the original antenna will be used. The chances for receiving the signals in the US seems good although the time at your end is rather ugly.

Something is wrong with the e-mail adress to Grimeton as many of you has noticed. I'll be back with the correct adress as soon I've been informed.

73 and Happy listening

SM7BKH Bengt Wilander, Malmoe Sweden bkh@bwab.se

From boatanchors@theporch.com Mon Oct 14 15:26:37 1996
From: jcreid@CCGATE.HAC.COM
Subject: Also a great way to end the week...
Message-ID: <9609148453.AA845303424@CCGATE.HAC.COM>

Hi Gang,

Like Bob Roehrig, I also had a nice ending to last week. Thursday night I was invited over to my friend's place to visit for a bit. We used to work together, but he has moved on to a different company and we don't keep in touch as well. Anyway, we move out to the garage and says, "How'd you like those old radios you're always asking me about?" He was referring to the SP-600, HT-37, and HQ-170AC that he's had stored away. I had driven the '65 Buick Sportwagon(vintage hauler for vintage equipment), so I said, "Uh, sure." Inside, my brain is saying "Yes, yes, yes!!" Everything is in very good condition and have original manuals. There was even a DX-100 that he "tossed" in for good measure. I'll keep everyone posted as to the firing up procedure. The HT-37 and the HQ-170 are "out of sight" due to avoid a severe reprimand from my wife.

I'm still debating which way to go on the DX-100. It's missing some key parts and yet I hate to strip it out. On the MIA list: Modulation transformer, driver transformer, 250pF loading cap, 350pF plate tuning cap, audio shield plate, CW/Phone switch and knob, Driver knob and connecting shaft, both 5R4 sockets, and someone replace the 1625 ceramics sockets with a set of 5 pin ceramic ones. If I could find everything, it might be neat to tear it all apart and build it back

as a kit. The entire wiring harness has been removed, so that would all have to be recreated, too. I do have manuals and schematics, so.... Whaddya all think? Is it worth it?

-Jim N6SVS
jcreid@ccgate.ha.com
Gardena, CA

From boatanchors@theporch.com Mon Oct 14 04:01:08 1996
From: joelutz@juno.com (Joseph W Lutz)
Subject: Another addition to the 'to do' list!!
Message-ID: <19961014.013830.2870.1.JOELUTZ@juno.com>

Hi gang,

Just got back from run up to PA to pick up Dog from my in-laws, and of course used the opportunity to 'also load up the Blazer with some of my toys <G>. In the load that I brought down to Va was one of my R390A's. It appears as if I should have put it in storage instead of letting it be kept up in PA, as it now goes on the 'to do' list, because of a 3-year accumulation of dust and grim from being kept in a corner of the garage - Ugh! Anyway, believe someone was keeping serial/contract info on the R390/390A's, so here is what I brought down:

R-390A/URR
S/N 2952
Electronic Assistance Corportation
Contract No. DAAB05-67-C-0155

Hopefully it will again be 'glowing' again, as it was in good condition when I last turned it on - and is just in need of a good cleaning. I hope to go through the complete alignment process before putting it on line. (If I run into any major problems I do know I will have the assistance I need here on BA).

73 de Joe W7LPF/4

QWCA - SOWP - NCVA

joelutz@juno.com

Gordonsville, Va 22942 (Orange County)

From boatanchors@theporch.com Mon Oct 14 04:01:08 1996
From: Larry Keith <KQ4BY@IX.NETCOM.COM>
Subject: Augusta, GA, Bone Yard Report
Message-ID: <326156D2.67F3@IX.NETCOM.COM>

Well, I loaded up Bone Yard One and wandered over to Augusta, GA, for the hamfest. Beautiful day.. My light jacket felt good until I started pulling the tables and boxes off the truck. So, I shed the jacket and grabbed the sunglasses and continued on. During a couple of breaks, I

noticed the following boatanchors:

Hammarlund HQ-129-X (nice) \$150
Hammarlund HQ-129-X (not working?) \$30 Someone beat me to it.
Heathkit Warrior Amp. \$200
Hallicrafters HT-27 (2 of them). \$75 each, I think
Heath HW-16/HG-10 combos \$125
Swan 1200X -- not priced
WRL Globe Scout \$20
Hallicrafters S-120 \$20
Heath HW-101 with PS \$125 (two of them)

Didn't see many of the Atlanta boatanchor gang. But, from the tube socket and variable capacitor sales, I would say there were a few boatanchor fans in attendance.

Nothing jumped on the truck except for a 4-400A with socket and plate cap that I traded W4MEW out of.. So, I came home with a few empty boxes. That means I can walk around in the KQ4BY junkbox (aka "my half of the garage.") again.

Next big deal is Lawrenceville, GA, on Nov 2 and 3. I plan to be there on Saturday. Might even have some of my homebrew Ford pickup bumper mounts available to trade for interesting boatanchors...

73,

Larry, KQ4BY

From boatanchors@theporch.com Mon Oct 14 15:26:37 1996
From: Glenn Finerman <GFINER@nms.com>
Subject: BA Candy Store visit
Message-ID: <s262635c.026@nms.com>

Continued from previous post....

Arrived at Hal's place in Richmond Hill, took me inside to first show me his personal shack. WOW, a small size bedroom filled, wall to wall with equipment. I'd say about 2/3rds sand state stuff, but impressive just the same!. He had all kinds of odd stuff, KWM-380 with thumbwheel freq selection?...Anyway,...out back to a separate building...inside first saw an impressive service/shop area with two VERY well equipped work stations. And now to the "showroom" ..HOLY COW!!! I thought I died and went to BA heaven!!..Imagine a building where the inside walls are literally "wallpapered" with BA's and three or four rows of shelves packed with radios fill in the middle! There are also piles of radios sitting in the isles (some taller than me!). What did he have?

ALMOST EVERYTHING!! I couldn't believe my eyes!....Lets start with what I was looking for...Lots of Collins..an entire section of a wall just with S-line stuff, A 6ft high pile of 75A-4's!!!. 75A-3's, R388's KWS-1, and more...At this point I was shell-shocked and trying to figure out what I was going to take home with me! ...The tour continues... a stack of Gonset HF transceivers, Hallicrafters SX-115's, Lots of Heathkit stuff, Lots of Drake 4 line stuff, HRO's, and lots of odd stuff again...A rack mount Drake marine receiver..looked like a racked SPR-4, Tons of KWM-380's, Harris, CEI/WJ, (no green or grey mil stuff) Lots of Eldico twins, Prices? Well, like someone said about PIEXX, Prices are fair (on stuff I looked at,) but not cheap. These are not flea mkt prices. Hal is an honest fair individual who checks each piece of equipment before it's sold. Interestingly, Hal doesn't perform restorations or cosmetic work. He will repair anything that's not functioning and his prices are based on what he puts into each rig as well as what he paid for it. Some examples... that stack of 75A-4's?...a few at \$575.00 a few at \$600.00..., S-line stuff? 75S-3B's \$450 to \$600, 75S3-C = \$1100.00, KWS-1 without the HV supply = \$1800!...32V2 = \$280.00. I felt some of the Heath equipment was overpriced, SB-301 = \$300!!, HG-10B = \$80... It's all a matter of what the market will bring. I don't think he will be moving that Heath gear soon at those prices based on what it's selling for at hamfests, but at the same time Collins gear is becoming rare at hamfests, and his prices seem to be fair on this stuff! Go figure! I'm posting this report because I feel Hal's business is a valuable resource for BA collectors. If you really want something that's hard to find, you just might find it there! What did I buy??....I kept walking by that stack of 75A-4's thinking about how good the prices were compared to what I've seen folks report here, and there was one near the top that was MINT! not a scratch or nick! Showroom clean inside and out with the 4:1 spinner knob, \$575.00...I bought it. I really wanted a 32V-....Out comes a near mint 32V-2 (in a green cabinet!) missing a panel control nut & line cord \$280.00...I bought it..(starting to run out of money at this point! ha!) Asked if he had any S-line mech. filters (fat chance right?) WRONG! he had them! and lots of others for the 75A-4, 75S-1, etc...Mech and crystal filters. A 500 cycle mech filter for my 75S-3B caught my eye.. \$150.00, I bought it!...Now I was out of cash! And I didn't even get to the 51S-1 section!. I explained the Boatanchor list to Hal and told him I'd be posting the story about our encounter. Give him a call if you like and mention the Boatanchors list. (Standard disclaimer at this point)

Hal Guretzky K6DPZ Land Air Communications LTD
95-15 108st.
Richmond Hills, NY. 11419
(718)-847-3090
FAX = (718)-849-8279

Visits by appointment only, best to phone after 7PM east coast time.

73.....Glenn N2BJG gfiner@nms.com

From boatanchors@theporch.com Mon Oct 14 23:13:45 1996
From: pmills@A.crl.com (Phil Mills)
Subject: Re: BA Candy Store visit
Message-ID: <199610150015.AA24343@A.crl.com>

Well a happy ending to your story. But talk about pricing oddities....
I've had so few responses to my offer to sell a KWS-1 _WITH_ HV supply
for \$1100 that I'm seriously considering doubling the price and
advertising in ER...

Darn good price on the 32V2....

I was hoping to get a Heath SB-301 receiver at about a \$100 but you've
blown that one away....

Well all I can add, I SURE WISH I'D BEEN THERE!!!

thanks & 73,
Phil

>Continued from previous post....
>

>what I was looking for...Lots of Collins..an entire section of a wall
>just with S-line stuff, A 6ft high pile of 75A-4's!!!!. 75A-3's, R388's
>KWS-1, and more...At this point I was shell-shocked and trying to
>figure out what I was going to take home with me! ...The tour continues...

>will repair anything that's not functioning and his prices are based on
>what he puts into each rig as well as what he paid for it. Some
>examples... that stack of 75A-4's?...a few at \$575.00 a few at \$600.00...
>S-line stuff? 75S-3B's \$450 to \$600, 75S3-C = \$1100.00, KWS-1 without
>the HV supply = \$1800!...32V2 = \$280.00. I felt some of the Heath
>equipment was overpriced, SB-301 = \$300!!, HG-10B = \$80...
>It's all a matter of what the market will bring. I don't think he will be
moving
>that Heath gear soon at those prices based on what it's selling for at
>hamfests

Phil Mills, AB5TH ***** Wanted --- Tek 3A1 Plug-in *****
pmills@a.crl.com ***** --- 1957 ARRL Handbook *****
713-992-5762

Friendswood, TX (south of Houston)

From boatanchors@theporch.com Mon Oct 14 15:26:37 1996
From: "Paul Bocci-CPB007" <Paul_Bocci-CPB007@email.mot.com>
Subject: BUD VFO
Message-ID: <Macintosh */PRMD=MOT/ADMD=MOT/C=US/@MHS>

Howdy Folks,

At a little local hamfest this weekend, I picked up what turns out to be a Variable Frequency Oscillator, apparently manufactured by BUD, the cabinet and chassis folks. Never having seen or heard of one before, I didn't figure out what I had until I got it home and scraped enough dirt off of it to read the front panel.

It uses a 6F6 oscillator and 6V6 buffer with 3 plug-in coils (the ones in it are marked "40") and an internal power supply (5Y3. VR105). Paint on the front panel and cabinet are pretty rough and it is missing the main tuning dial / vernier.

Does any one know anything about these? What kind of tuning dial did it use?

From the holw pattern, it looks like it could be a National but none of the ones I have on hand seem to match. When was this thing made? From the style of construction and tubes, it looks like it could be anything from late thirties to early fifties. Are there any BUD collectors out there? If so and this piece is of interest, tell me your story and I'd probably be willing to pass it along.

73 / ZUT
Paul, K9NO
cpb007@email.mot.com

From boatanchors@theporch.com Mon Oct 14 23:13:45 1996
From: W4AOS@aol.com
Subject: Can an oscillator drift forever?
Message-ID: <961014202225_126731325@emout14.mail.aol.com>

I picked up a Geloso VFO at the Frederick Md. hamfest a couple of months ago. If you haven't seen one it is a pretty neat looking unit. More like an exciter than a VFO. It uses a 6J5 Clapp oscillator driving a 6AU6 amplifier, and a 6L6 output stage. It has a neat big dial with lots of black and red lettering with a great big pointer, very showy.

Over this long weekend I cleaned it up and tried it out. At first, after a few hours it would drift fairly rapidly initially and then gradually slow down its drift rate and begin to make small jumps of +/- 30 to 50 Hz. I replaced all of the mica capacitors in the oscillator circuit, except one,

(I used the usual dipped red plastic encased micas, I don't know if they are silver micas or not) and also replaced the funky looking 1 mHy r.f. choke in the cathode of the oscillator. Now it has been operating since 8:30 am (its now 8 pm) and it doesn't make the small hops anymore, but it still has not settled down to any random (is that a paradox?) drift behavior, its still decreasing frequency steadily. For about the last 300 to 400 minutes the drift rate has been relatively constant at about -1.7 Hz/minute.

I am using a Hewlett Packard frequency counter to measure the frequency in the 10 second count mode, this counter has been turned on for about the last 2 years, so I am reasonably sure that it is not drifting. The setup is on my bench in the basement (unheated) on the north side of the house and is therefore relatively constant temperature. I am using a regulated Lambda supply @ 250 v. for the Geloso, and it uses an OB2 to supply the oscillator with 105 volts.

What I expected to happen was for the oscillator to drift rapidly at first, and maybe change drift rate direction a time or two as it warmed up, but to eventually reach a point where it was in thermal equilibrium with its surroundings and then to begin drifting more or less randomly around a constant mean frequency. Since it's now been 12 hours since I started this test I must conclude that either it takes more than 12 hours for the thing to reach thermal equilibrium, or there is something else going on which makes the frequency drop relentlessly at a small, but fairly constant rate. I'm puzzled, I just cant believe that it hasn't settled down thermally yet, but I cant believe that anything else could explain its behaviour. I dont see how the inductance could keep getting larger, or the capacitors smaller forever!

Anyway, I'm going to keep it on, even though I'll be at work tomorrow, and so can't get hourly readings. I want to see if it ever stops decreasing frequency or if the frequency eventually goes through zero and into the fabled negative frequency region. Stay tuned for further updates and send me any experiences you have.

73 Bob w4aos@aol.com

From boatanchors@theporch.com Mon Oct 14 23:13:45 1996

From: provero@connix.com

Subject: Re: Can an oscillator drift forever?

Message-ID: <199610150051.UAA03996@comet.connix.com>

You know about leaky capacitors?

Ya got a leaky oscillator -- losing Hz all the time! :-)

Seriously, though, if you hadn't replaced all the caps I might suspect that some caps were in the process of "reforming". Or that one of the tubes is headed west.

There are oscillators that will wander up and down with voltage, temperature, mechanical shock. Looks like you have one.

P.J. "Josh" Rovero home: provero@connix.com
Meteorologist radio: KK1D
Oceanographer work: rovero@sonalysts.com
Curmudgeon-at-Large web: http://www.sonalysts.com/

From boatanchors@theporch.com Mon Oct 14 23:13:45 1996
From: berg stephen erik <z931086@corn.cso.niu.edu>
Subject: Re: Can an oscillator drift forever?
Message-ID: <Pine.3.89.9610142015.D14701-01000000@corn.cso.niu.edu>

I have a Lafayette 6 meter vfo that wanders all over the place, so that is not all that uncommon. There are other folks on this list who are far better versed in this stuff than I, but it sounds to me like you replaced a temperature compensating capacitor in the unit with one with the wrong temperature coefficient. If it only drifts one way, then you might be able to stabilize it better by replacing one of the fixed capacitors in the oscillator tank circuit with one with the opposite temperature coefficient. If the circuit drifts down, then you want a cap that drops in value as it warms up. That may help stabilize the unit. I used to use comparable techniques to stabilize Gunn effect oscillators in the millimeter wave range.

My \$0.02 worth.

73,

Steve WA9JML

z931086@corn.cso.niu.edu

From boatanchors@theporch.com Mon Oct 14 23:13:45 1996
From: paul Veltman <veltman@netcom.com>
Subject: Re: Can an oscillator drift forever?
Message-ID: <Pine.3.89.9610141937.A13732-01000000@netcom20>

Sure! My Swan 500 has been drifting for about 30 years now.

Paul WA6OKQ

From boatanchors@theporch.com Mon Oct 14 23:13:45 1996
From: klzat@dsport.com
Subject: Re: Can an oscillator drift forever?
Message-ID: <Pine.GS0.3.95.961014232452.19080A-100000@puff>

> Sure! My Swan 500 has been drifting for about 30 years now.

As has my Swan 500C

From boatanchors@theporch.com Mon Oct 14 23:13:45 1996
From: Spencer Petri <spetri@e-tex.com>
Subject: Re: Can an oscillator drift forever?
Message-ID: <m0vD0Y1-0002F0C@e-tex.com>

My last Swan finally drifted out the door.

From boatanchors@theporch.com Mon Oct 14 15:26:37 1996
From: jproc@bellglobal.com
Subject: Centre Tap Interconnect
Message-ID: <Chameleon.4.01.2.961014125917.jproc@>

Dear BA'ers,

I'm studying the power supply of a frequency shift converter and there is something that I don't understand.

There are two high two B+ supplies in the unit. One supply has its B+ grounded and the other supply has the B- floating as best as I can see. There are two centre tapped filament windings, each of which, supply power for 7 tubes. Both of the filament windings have their centre taps wired to the one of the centre taps of the two high voltage windings of the power transformer:

```

      || HV Secondary  #1 ---
      ||                               | Centre Taps are joined
      || FIL secondary #1 ---
Primary ||
      || HV Secondary  #2 ---
      ||                               | Centre Taps are joined
      || Fil Secondary #2 ---
```

There are also two 5 volt filament windings but these are wired to the 5W4's in the traditional manner.

Question: What is the purpose of interconnecting the centre taps?

Regards,

Jerry Proc VE3FAB
E-mail: jproc@bellglobal.com
HMCS Haida Naval Museum
Toronto, Ontario
'Looking for a 'AN/SRC-501'

From boatanchors@theporch.com Mon Oct 14 15:26:37 1996
From: mack@mails.imed.com
Subject: Collins filters
Message-ID: <9609148453.AA845315491@mails.imed.com>

I am parting out some military sand state stuff. The *real* find in this is 2 Collins mechanical filters. They are marked with various numbers which I failed to write down, but they are 500 KHz units. Does any BA equipment use a 500 Kc IF or are they all 455 Kc?

Ray Mack
WD5IFS
mack@mails.imed.com
Friendswood (Houston), TX

From boatanchors@theporch.com Mon Oct 14 15:26:37 1996
From: "Gregory S. Raven" <gsraven@cris.com>
Subject: Comments on VLF Receivers for Grimetown
Message-ID: <2.2.32.19961014123718.006e5950@pop3.cris.com>

At 08:21 AM 10/14/96 -0400, Chris wrote:

>I am thinking about putting together a setup to copy the SAQ test
>transmission that's coming up later this month. In my mind's eye, I can see
>an article from QST about building an NAA VLF receiver. Does anybody have
>said article, or know the QST issue it's in? It might be useful to pass on
>some of the details, esp. how to construct a tuned circuit for 17 kc. As I
>recall, the QST receiver was a one tube regen, with a huge pie wound coil.
>Is the SAQ a true CW signal, requiring a BFO or regenerative detector, or
>does it have some tone modulation? I was thinking that a simple
>tuned circuit, coupled to the antenna, driving a diode detector, with plenty

>of audio amplification following, might be adequate. I have access to lots
>of audio range signal generators, etc, and I suppose those could be used as
>a BFO, or injection for a direct conversion receiver, and certainly as a
>reference signal to find SAQ's frequency.

Whatever you do, you will need good selectivity. Otherwise you will have interference from the Omega navigation system, which operates in the 10-13 kHz range. I have not had the VLF stuff turned on in a couple of years, and I assume Omega is still active. By the way, the Omega stations will be great for testing the effectiveness of your receiver.

A really good VLF receiver scheme simply upconverts the 0-500 kHz spectrum to somewhere in the HF range. Most of the commercial ones convert to the 80 Meter band. The problem with this is bleedthrough from 80M signals.

I am thinking about a 17 kHz regen. I think a regen would work really well and would be highly portable compared to my usual converter into an R390A ! There is no way I would try receiving the Alternator in town. Gonna have to go out in the boonies for any chance at all of hearing the thing, so the receiver and antenna must be portable.

>How about antennae - I would think a beverage would be good. Would
>an extremely long wire just lying on the ground work? Considering that
>these frequencies are used for communicating with submerged submarines, that
>are using antennas surrounded by SALT WATER, a wire lying on the ground
>would be more like an antenna in free space!

Antennas at these frequencies can be tricky. Long wires will get you into big trouble with noise sources, especially in an urban environment. In my opinion, the best antenna is an active whip carefully positioned to avoid the near field of any noise sources. The loop antenna is a close second, but you need a rotator to find the optimal orientation.

Neither the active whip or loop need to be physically large to receive signals at these frequencies. The noise level is so high that a physically small antenna with respect to wavelength will have a signal to noise ratio as good as a full size dipole, and usually better due to man-made noise which the physically large dipole is more likely to intercept.

>I am also thinking about direct recording the VLF RF signal into a high
>performance DAT recorder that works out to 40 kHz, and then detecting
>the signal off DAT playback, along with driving a spectrum analyzer in the
>waterfall (frequency vs. time) mode, to "see" the SAQ 17 kHz signals. With a
>fast enough sample rate, I might even be able to "read" the code from the
>display.

You will probably have problems with saturation due to 60 Hz and multiple harmonics, unless you go out in the middle of nowhere and power the

equipment from batteries. Even then, the DAT probably is full of circuits toggling at VLF frequencies which will interfere with reception.

73 de Greg KF5N, landline FA
Collector of Landline Telegraph
Secretary/Treasurer TP Chapter MTC
Visit "Telegraph Lore"
<http://www.cris.com/~Gsraven/index.shtml>
-- -.. .

From boatanchors@theporch.com Mon Oct 14 15:26:37 1996
From: Jeffrey Herman <jherman@hawaii.edu>
Subject: Re: Comments on VLF Receivers for Grimetown
Message-ID: <Pine.GS0.3.93.961014074718.29237A-100000@uhunix3>

What about using/building a VLF converter into your best rcvr?

KH2PZ

From boatanchors@theporch.com Mon Oct 14 15:26:37 1996
From: "E.V. Sandy Blaize" <ebjr@worldnet.att.net>
Subject: Re: Comments on VLF Receivers for Grimetown
Message-ID: <19961014201606.AAB14006@LOCALNAME>

At 05:50 PM 10/14/96 +0000, you wrote:

>What about using/building a VLF converter into your best rcvr?

>

>KH2PZ

>

>

The little Polamar VLF converter works very nicely. Pick a place to put your antenna that's as quiet as possible. It would probably benefit by some sort of filter. (88 mhy toroid and a cap? I'll calculate it and see what the cap's value would be.)

73

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, modified, traded & used!"

ebjr@worldnet.att.net

417 Ridgewood Drive

Metairie, LA., 70001

{Still looking for: Hallicrafters SR-75, and 860 tubes!}

From boatanchors@theporch.com Mon Oct 14 23:13:45 1996
From: mknudsen@lucent.com
Subject: Re: Comments on VLF Receivers for Grimetown
Message-ID: <9610141827.AA00397@bock.ih.lucent.com>

According to Chuck Penson's great book, Heath actually sold a little brown-box VLF converter for a while. It just mixed the VLF band up to the 80m band or whatever.

I think the hardest part of receiving VLF is the initial antenna tuning and its selectivity. Building that front end is important, whether it feeds a converter mixer or you temporarily disconnect your R390A's BC band RF coils and feed the raw VLF in there (this was discussed a while back -- did anyone actually DO it? How'd it work?).

Anyway, a universal VLF converter wouldn't be hard to build, given the know-how and materials needed to make the antenna circuit. At least try to keep the 60 Hz hum and the BC station cross-mod out of it, but real selectivity could reduce cross-mod by static and light-dimmer buzz noise.

73, mike k aa9rg

From boatanchors@theporch.com Mon Oct 14 15:26:37 1996
From: Jeffrey Herman <jherman@hawaii.edu>
Subject: Contact the sellers - I'm just the messenger // KH2PZ
Message-ID: <Pine.GS0.3.93.961013231034.3989A-100000@uhunix3>

>From rsglines@tiac.net Sun Oct 13 20:17:20 HST 1996
WANTED: Gonset Communicator III (6 meter AM) manual and schematic, or photo copy.

>From carlheintz@aol.com Sun Oct 13 20:18:20 HST 1996
The following are for sale (FOB Kansas):
Heath SB101 transceiver +SB640 scope+SB630 scanadaptor +
swr meter and HP-23 power supply in outstanding condition,
with manuals and cables: \$450
Hammarlund HQ 170 receiver, in semi good condition, but missing
clock, and with a blown power transformer + a new one that has
yet to be installed, with manuals and Hammarlund speaker.....\$100
Heathkit HX-10 Marauder SSB/AM/CW transmitter. This is the
matching unit to the Mohawk, and the successor to the Apache.
In outstanding condition, with original manuals: \$350

>From murray.jean@mayo.edu Sun Oct 13 20:18:33 HST 1996
I have an HQ100 receiver in nice condition for \$95. Also have a S200
speaker in fair condition, and 2- HQ145's for \$120. The 145's are pro-

ject radios; 1 is missing a cabinet. A fair condition unit could be made out of both units. Will sell everything above for \$200. All is plus shipping. E-mail response or you can call 507-288-0242 evenings.

>From bgluck@monmouth.com Sun Oct 13 20:19:41 HST 1996

I have a Hallicrafters SX-110 with the matching external R-46 speaker and operating manual/schematic. The radio is in excellent working condition. Cosmetically rates a 9 on a scale of 1-10, and the speaker rates a 9, also. However the voice/normal switch on the speaker needs a new slide switch (available from Radio Shack), and is not operable. The speaker works fine without it, however. \$250+ship, or trades.

>From marek002@tc.umn.edu Sun Oct 13 20:19:59 HST 1996

Subject: FS: Johnson Matchbox with meter

I have a Johnson Matchbox tuner with directional coupler and internal meter. I've owned it for 20 years but have not used it for 17 years. It is in fair condition and may need some work but it is all there. The cabinet is in good shape. \$85 + ship

From boatanchors@theporch.com Mon Oct 14 15:26:37 1996

From: Jeffrey Herman <jherman@hawaii.edu>

Subject: Contact them, not me! // Jeff KH2PZ

Message-ID: <Pine.GS0.3.93.961014093556.17064A-100000@uhunix3>

From: Tim Vogle <tim.vogle@oit.gatech.edu>

Heathkit 610 monitor scope working condition unknown cosmetic average w manual asking \$35 plus shipping.

Heathkit HW101 parts rig. Missing some tubes, screws are out of the covers but appears to all there \$50 no manual, but can copy schematic

Heathkit HW 101 works but finals are weak. A Little dirtier than the one above. with power supply \$90 No manual but can copy schematic

Heath power supply for HW/ SB series \$50

Another Heathkit HW 101 works with power supply. Case has been repainted to a medium green unit functions great. I have had this one on the air recently. Asking \$175

HW16 with HG10 VFO working fine no manuals Asking \$125

Another HW16 with HG10 VFO working fine no manuals Asking \$125

Kenwood TS120s not working properly. Recieves only strong signals, tx weak Appears to missing a voltage no manual \$150

A bunch of misc tubes, coils, transformers email for what you want.

(2) Hallicrafters HT37 transmitters with original manuals. Both worked the last time they were tried (about 1 year ago) Asking \$90 each or both for \$150 plus shipping.

>From ke4ay@aol.com Mon Oct 14 09:19:35 HST 1996

I have for sale a SX101A Hallicrafters receiver in good to very good cond.
It has the original manual. \$200+ship

>From ken@notify1.com Mon Oct 14 09:20:18 HST 1996

AN/PRC-47 Maint. and Overhual Manual (2/63)

AN/PRC-74 Depot Maint. Manual (7/66)

AN/PRC-8,8A,9,9A,10,10A,28 Operations Manual (9/61)

AN/PRC-25 Depot Maint. Manual (1/63)

AN/PRC-77 Depot Maint. Manual (2/68)

AN/PRC-77 Operations and Org. Maint. Manual (6/67)

AN/URC-4 Maint. Handbook Revision (10/58)

AN/PDR-27E Instruction Manual (8/52)

DAV-2 Instruction Book (10/44)

PMC-12 Technical Manual (6/72)

AN/ARC-27,27A Service Handbook (7/54) **INCLUDES WORKING AN/ARC-55
w/CONTROL HEAD**

\$100 plus shipping for all. I'm just throwing the ARC 55/27
radio/manual combo in if you want to ship it or pick-up in St. Louis,
MO. (Yes- it is heavy). Inquiries on the lot only, please.

From: tony@gcr1.com (Tony Salvador)

Heathkit HW-101 w/ phone patch, mike & power supply. \$170 + ship

From: Roland S Geter PhD <wb6lna@mailhost.primenet.com>

Subject: WTB: Collins Parts

I need the following items:

- (1) 75A-4 Passband knob
- (2) 75A-4 Plastic coupler for Rejection Shaft
- (3) KWS-1 Main tuning knob shaft coupler and spring
- (4) 75A-4 6kc Mechanical Filter

From: sound impressions <soundimp@intex.net>

The New Collins Wall Calender is now available for shipping. It is done
with the same great pictures that were in the Collins Pocket Guide
except much larger. Want to know when Art Collins Birthday was??? On the
calender!!! This calender is only \$9.95 plus \$1.75 S & H in the USA. A
few pocket guides are still available. Call 800-233-0484 to order with
M/C or VISA Fax your order to 214-216-9994

From boatanchors@theporch.com Mon Oct 14 04:01:08 1996

From: ks0f@i1.net (MIKE SANDERS)

Subject: Drake T4XB tip (I got luck again)...Wanted stuff.

Message-ID: <199610132111.QAA01076@mail1.i1.net>

Greetings All,

The T4XB I had bought from another list member a short while back was advertised as non working. Today I got to it and found a couple small problems with it. The real problem with the unit not working was no tx output. When a tx does not do output I guess it is broke. Ooops. Aint necessarily so. While checking the voltages it quickly came to light that there was no screen volts to the PA tubes. Hey! I thought to myself No volts no output. Of course. Well anyway I knew the power supply was good and it was delivering the 250 or so volts. When I traced the screen line back from the tubes I saw it did not go to the jones plug but to a phono jack on the back panel instead. A bright light went on as I remembered many years ago running my Drake pair with the Drake transmitting converter for 6 meters. This was a mod to control the PA from an external switch on a transverter. Broken screen when on vhf dropped output to very small amount and driver was picked off to push the transmit converter. When the converter was switched to hf the screen supply was completed back to the T4XB. Soooooo if you buy a "new" Drake T4 something look for added phono jacks on the back. They will tip you to the vhf mod possibly done to the tx.It now works beautifully with very strong stable output. It wasn't broke after all.

I am still looking for some stuff to finish off some rigs here.

My usual National HR050 A coil

HR0 C and D coils

HR0 speaker

Drake T4XB manual. I will trade a T4X or R4 original for a T4XB original or buy.

NC183D main or bandspread knobs...or the metal insert for these or my

NC300.

HR050/60 AC dial scale

HR050/60 AD dial scale

Heath HD1410 keyer manual (to go with my SB301/401 combo)

Any HR0 coil boxes.....I could use several.

Need some 6550s for the 100V

Lots more but later.....73, Mike KS0F (for now)

From boatanchors@theporch.com Mon Oct 14 23:13:45 1996

From: Bob Roehrig <broehrig@admin.aurora.edu>

Subject: Dumpster Diving today - great way to start the week

Message-ID: <Pine.ULT.3.95.961014160526.3142A-1000000@admin.aurora.edu>

After running across the old Zenith last Friday, I expected that my luck was out for at least another year. Today as I was delivering a laser printer across campus in my van, I saw a BIG dumpster outside the science

bldg. Looked inside and saw quite a bit of lab gear, like PH meters, chart recorders, vacuum pumps, etc.... It came from the advanced chem lab. Most of it was smashed by overenthusiastic student helpers. I did salvage a nice bench-top Variac with built-in outlets, an AC control box (which will be a nice housing for a super line filter/surge protector) and a bridge, which I need some help ID'ing:

The bridge is made by Rubicon and is the old Bakelite panel on oak box. It looks like it is for extremely low resistances because of the numbers on the dials. One large pot ranging 0 to .011, 2 decade switches - one ranging 0 to .09, the other from 0 to 1.5. One small pot ranging from 1.0175 to 1.0200. There are 3 unmarked controls (one switch and 2 pots) that simply say R1, R2, R3. A multiplier switch says .01 - 0.1 - 1.0. Binding posts for BAT, EMF, GA, GDR, and SC, and 3 buttons marked GALV. Anyone familiar with this?

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL

From boatanchors@theporch.com Mon Oct 14 15:26:37 1996
From: Chuck Penson <pson@sci.mus.mn.us>
Subject: DX-35 book needed
Message-ID: <3262AE4D.23BE@sci.mus.mn.us>

I need a *complete* copy of the book for the DX-35. Would be happy to pay a fair price for this. Or you could send me the book and I will copy and return.

Thanks,

--
Chuck Penson
WA7ZZE

pson@sci.mus.mn.us
612.221.4510 voice
612.224.5092 fax
<http://comped.sci.mus.mn.us>

Standard Disclaimer: The opinions expressed are etc. etc. ...

"Nothing is too wonderful to be true" -- Michael Faraday

From boatanchors@theporch.com Mon Oct 14 15:26:37 1996
From: Glenn Finerman <GFINER@nms.com>
Subject: F.D.U. Hamfest Report
Message-ID: <s2621888.004@nms.com>

Saturday Hamfest at Fairleigh Dickinson University in Teaneck NJ.

Great turn-out! Lots of BA's. Arrived before sunrise, searching in the dark with flashlights was fun! Nothing exciting for me really, prices seemed to be pretty good, even SOME of the "sharks" had good deals. Got a big kick out of watching an obvious key collector haggling (in the dark still) with a seller over some rusted telegraph stuff (Signal Co.?) Had an eyeball with list member Clark WA2UNN. Nice fellow!

HEATH SB-300 fair cond. dirty front panel = \$50.00
HEATH SB-401 / SB-301 pair good cond except two big ugly switches added to front panel of 401 YECH!...\$150.00
DRAKE T4X-B / R4B AC-4 good cond. \$200.00
DRAKE TR-4 fair condition \$140.00
COLLINS 51J-4 excellent cond. with cabinet \$750.00!! YIKES!
let my feet do the talking on this one!
COLLINS KWM2-A & supply (think I heard \$600.00 on this one)
JOHNSON RANGER 1 good condition \$200.00
JOHNSON VIKING 1 excellent cond. didn't get price.
NATIONAL NC-93 (I think?) small table top slide rule dial, blue cover absolute mint like it just came out of the box! \$90.00

Lots of parts, tubes, etc.....Stopped at a table where a guy had some parts and a NC-183D...Asked if he had any Collins, said no but showed me a sign taken from an estate sale a few miles away. All solid state stuff, but there on the list was a Collins 75S-3 !!. So I packed-up early, drove home to NY, unpacked, called the Estate sale and Collins had just sold!! ARGHH!!!! I was VERY UPSET!!...Figured I'd take a ride anyway to see what the sharks left behind. The XYL and I arrived to find the house picked clean! The estate sale guy said it was piled to the ceiling!!...Picked through the debris and managed to find an un-built kit still in the original box (I'll post it later)
Guess how much the Collins sold for???\$125.00 !!!!
I started grinding my teeth!!.....all the way home!!
My XYL said "what's the matter, you look upset?"

You know what they say.....ALMOST DOESN'T COUNT!!

One hamfest in a weekend wasn't enough for me! no way!
See my next posting on the following day, Sunday at the Hall of science hamfest in Queens NYC.

73.....Glenn N2BJG gfiner@nms.com

From boatanchors@theporch.com Mon Oct 14 23:13:45 1996
From: Spencer Petri <spetri@e-tex.com>
Subject: FM bandwidth
Message-ID: <m0vCvx5-0002FSC@e-tex.com>

Hello gang,

Seems like I remember reading about a test made on unfiltered FM tx output which had detectable sidebands up in the Gigahertz range.

73 de Pete WA5JCI

From boatanchors@theporch.com Mon Oct 14 23:13:45 1996
From: Spencer Petri <spetri@e-tex.com>
Subject: FM bandwidth: Posted to wrong group.
Message-ID: <m0vCxKq-0002GPC@e-tex.com>

Sorry.

73 de Pete WA5JCI

From boatanchors@theporch.com Mon Oct 14 04:01:08 1996
From: k7yha@juno.com (Richard H. Arland)
Subject: FS/Trade: Weston Mdl 777 Tube Tester
Message-ID: <19961014.002625.7831.3.k7yha@juno.com>

Gang:

Just acquired a Weston Model 777 Tube Tester with instruction sheets (c: 1921). The wooden cases is scratched but should come up nicely with a little elbow grease. I don't know if it is working condition, but it appears to be in good cosmetic condition with no signs of abuse, just musty and dusty.

I have no idea what this unit is worth. I would like to trade it for a Hallicrafters SX-117 or HT-44 or possibly some Heath gear.

73 rich K7YHA

From boatanchors@theporch.com Mon Oct 14 04:01:08 1996
From: Bob Roehrig <broehrig@admin.aurora.edu>
Subject: Great way to end the week
Message-ID: <Pine.ULT.3.95.961013181724.20690C-100000@admin.aurora.edu>

Thanks to many of you regarding the cabinet of my old Zenith. No, I won't refinish it - it's not that bad. I appreciate the many good suggestions, some of which I have used in the past but had forgot about.

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL

From boatanchors@theporch.com Mon Oct 14 04:01:08 1996
From: Bob Roehrig <broehrig@admin.aurora.edu>
Subject: Re: Great way to end the week!
Message-ID: <Pine.ULT.3.95.961013180812.20690A-100000@admin.aurora.edu>

Thanks, Hank, for your treatise on vintage radios. I agree with all you said with exception on the choice of output tube substitute. I also first thought of using a 6V6 in place of the 6F6 (mainly since I have more of them) but looking at the tube manual, I figured the 6K6 a better choice, considering bias, plate current, and plate load:

TYPE	BIAS	Ip	LoadR	Pout
6F6	-16.5	34	7000	3.2
6K6	-18	37	7600	3.4
6V6	-12	45	5000	4.5

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL

From boatanchors@theporch.com Mon Oct 14 04:01:08 1996
From: vancleef@netcom.com (Henry van Cleef)
Subject: Re: Great way to end the week!
Message-ID: <199610140020.SAA13201@netcom22.netcom.com>

As Bob Roehrig discourses

>

>

> Thanks, Hank, for your treatise on vintage radios. I agree with all you
> said with exception on the choice of output tube substitute. I also first
> thought of using a 6V6 in place of the 6F6 (mainly since I have more of
> them) but looking at the tube manual, I figured the 6K6 a better choice,
> considering bias, plate current, and plate load:

>
> TYPE BIAS Ip LoadR Pout
> 6F6 -16.5 34 7000 3.2
> 6K6 -18 37 7600 3.4
> 6V6 -12 45 5000 4.5

>
>

A few things to consider: The bias on a self-bias circuit is determined by cathode current, not just the plate current. The radio described uses fixed bias, so this is a different deal, but if you've got a cathode resistor in there, you have to calculate from Ik, not Ip.

Pentodes generally have a screen current around 1/3rd total Ik. Beam tetrodes are closer to 10%. Ik on a 6F6 and 6V6 will be pretty close, given the same bias value. The power you are going to listen to on an old radio is far below the theoretical maximum, on the order of 700-1000 milliwatts. All of those tubes will run with 2500-3400 ohms of plate load, which is much more common in old radios.

-12 volts on a 6V6 is definitely "high class A." -14 to -15 is quite common. You'll want to measure actuals in the set. Also measure the grid drive with the radio "loud." I suspect that that 8-10 volts on the grid will give you more noise than you'll ever want. That's peak-peak---roughly 3 volts RMS.

From boatanchors@theporch.com Mon Oct 14 23:13:45 1996
From: "D. Ragsdale" <doragsda@oboe.aix.calpoly.edu>
Subject: Re: Great way to end the week!
Message-ID: <9610142026.AA30163@mailbox.calpoly.edu>

One post by Henry Van Cleef is more than worth the entire year's subscription cost, IMHO. In a previous post, he said (among many other useful things):

>A lot of the small home entertainment sets made in the mid-thirties
>(tombstones and cathedrals) were real hotboxes, and heat
>reduction/heat sinking should be on your mind as you go through this.
>

I just yesterday opened up a Howard 430 general coverage receiver from about 1938, to begin working on it. Hot doesn't begin to describe it. It is a cast metal cabinet with no ventilation, other than what can leak out around the speaker in the top of the cabinet. Big piles of beeswax on the bottom

cover of the chassis (dripped out from the caps.), the wax on the coils and chokes was actually bubbled up all over. This thing must run HOT. After fixing it up I doubt I'll play it much, unless I can find an air conditioner to sit it in front of.

Dave.

David Ragsdale, R.E.H.S. Risk Management
California Polytechnic State University, San Luis Obispo, CA
du651@oasis.calpoly.edu or doragsda@cymbal.aix.calpoly.edu

From boatanchors@theporch.com Mon Oct 14 23:13:45 1996
From: Bob Roehrig <broehrig@admin.aurora.edu>
Subject: Re: Great way to end the week!
Message-ID: <Pine.ULT.3.95.961014222929.12178C-100000@admin.aurora.edu>

On Mon, 14 Oct 1996, D. Ragsdale wrote:

> One post by Henry Van Cleef is more than worth the entire year's
> subscription cost, IMHO.

You said it!

> I just yesterday opened up a Howard 430 general coverage receiver from about
> 1938, to begin working on it. Hot doesn't begin to describe it. It is a
> cast metal cabinet with no ventilation, other than what can leak out around
> the speaker in the top of the cabinet. Big piles of beeswax on the bottom

Ah yes, the old melted wax problem. I also love it when the designers put the darned top mounted speakers right above the 35Z5 and 50L6's so it bakes the cone dry and warps the voice coil!

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL

From boatanchors@theporch.com Mon Oct 14 23:13:45 1996
From: mknudsen@lucent.com
Subject: Grebe Regen Mystery Solved
Message-ID: <9610141620.AA00317@bock.ih.lucent.com>

I found most of the answer to my query on the mysterious Grebe rx right under my nose, in the little paperback called "Behind the Front Panel", a great technical history of early tube radio.

Yes, the early Grebes used the distributed capacity of the variometer coils as the C in the LC resonant grid circuit. And yes, the "regeneration control" rheostat just controlled the losses in the grid circuit -- wehn you cut the losses enough, you got regeneration thru the plate-grid capacitive feedback.

Only thing wrong is that the panel is lableed "increase regen" in teh direction that increases the resistance. Well, I could be wrong about that.

Message to Bob: It's December 1923 QST that describes some Grebe rx, probably the CR-13. Now I jsut ahve to get this set powered up and see if she's as sensitive as she was suppsed to be (a 20' antenna across the room and no ground was all you needed, in 1923 -- quite a trick). 73, mike k aa9rg

From boatanchors@theporch.com Mon Oct 14 15:26:37 1996
From: Glenn Finerman <GFINER@nms.com>
Subject: Hall of Science Hamfest report
Message-ID: <s26229a5.007@nms.com>

Well, off again Sunday morning in the rain to the next hamfest to look for BA's. I'll have to give this one bad marks for poor planning and organization. Unlike the FDU hamfset where they let you in to setup when you arrive, these folks make you wait in a long line of cars as they collect the entry fee ONE-BY-ONE like sheep! Nobody on the advertised talk-in freq to give directions...

While I was waiting on that line to get in, I met a chap on the 2mtr CB. a few cars ahead of me. We started talking, I mentioned I was there looking for Collins gear and assorted BA's. The next thing I hear is...."Oh, I have a whole building full of BA's and tons of Collins gear. What are you looking for?" A whole building full? are you a dealer? "Yes I sell used equipment as a side business, and I have a very big collection" Ok, he had my full and undivided attention! (Just how big I'd find out later!) Well, we finally got inside, setup, the rain stopped and the sun came out...so did the junk! Not many BA's, lots of "good buddy linears", CB junk, car stereos, Some BA's spotted;

HEATH HW-16 good cond. S.S. number engraved in front panel \$25.00
sold for \$20.00!

Hallicrafters SX-42 looked good.....\$55.00

Heath SB-303 looked good.....\$150.00

Lots of grungy old test equipment.

Tube dealers again (always a welcome site!)

Finally caught-up with that dealer. His name is Hal Guretzky K6DPZ, and I got the impression after talking with him, that he runs an operation similar to Chris at PIEXX. Very honest, up front nice fellow! He wasn't setup

to sell at the hamfest. He doesn't like to rub elbows with the "slimeball dealers" which he said he WAS NOT! He just goes to buy. Since his place was only a few miles from the Hamfest, he offered to give me the full tour after the fest. You can bet I jumped at the chance! (read - LOTS OF COLLINS!) Well, 11am rolled around with nothing much happening, so we were off to the "BA candy store"

To be continued.....

From boatanchors@theporch.com Mon Oct 14 23:13:45 1996
From: pmills@A.crl.com (Phil Mills)
Subject: Re: Hall of Science Hamfest report
Message-ID: <199610142058.AA15083@A.crl.com>

I'll be interested to know how this one comes out. BTW, Hal is featured in "C3 - Collections, Collectors, and Collecting" in the July 1995 CQ magazine...some interesting pictures there... "an 8 foot high stack of 75A4's" to quote the article.

>Finally caught-up with that dealer. His name is Hal Guretzky K6DPZ, and I
>got the impression after talking with him, that he runs an operation similar
>to Chris at PIEXX. Very honest, up front nice fellow! He wasn't setup
>to sell at the hamfest. He doesn't like to rub elbows with the "slimeball
>dealers" which he said he WAS NOT! He just goes to buy.

Makes one wonder who he sells to?

73, Phil
Phil Mills, AB5TH **** Wanted -- Tek 3A1 plug-in *****
pmills@a.crl.com **** -- 1957 ARRL Handbook *****
713-992-5762
Friendswood, TX (south of Houston)

From boatanchors@theporch.com Mon Oct 14 15:26:37 1996
From: anders@autopsy.corp.sgi.com (Greg Anders)
Subject: Hallicrafters FPM300
Message-ID: <9610141005.ZM7962@autopsy.corp.sgi.com>

I picked up the above transceiver at an auction Saturday and wonder if anyone out there has experience with the unit??? After a light dusting mine appears to work fine except for low power output (15w max). I have

not tested the 12BY7A or the 6KD6 but I intend to do so before twiddling any coils. First impressions include the following.

1. Nominally sensitive on receive with fairly nice SSB audio.
2. Stable VFO with some minor play in tuning ~200cps.
3. The blower provided is a necessity given the cramped final compartment.

All in all, it isn't a bonified BA given the amount of sand inside but I believe its one of the last Hallicrafters radios and the first one of its kind I have ever seen outside some early 70s QST ads...

From boatanchors@theporch.com Mon Oct 14 04:01:08 1996
From: michael.hopkins.1171@corvus.com (Michael Hopkins)
Subject: Hammarlund HC-10, or something
Message-ID: <96101323003326360@corvus.com>

>From Saturday's sidewalk sale at Hardin's Electronics in Fort Worth:

Hammarlund HC-10 case marked #1538 with several Hammarlund calibration stickers and the overstamp "Test" on the back.

Inside is a HC-10 chassis marked #436 which has been rebuilt to, I think, a variable generator referenced to a 60KC xtal. Front is nonstock also.

My recollection is that an HC-10 was a SSB RX aid and case looks slightly smaller than the speakers sold with the HQ-100, -110 series. Cannot tell if this is a legit Hammarlund shop device or not, but the case is in good shape and some of the chassis parts look original.

Anyone want it?

From boatanchors@theporch.com Mon Oct 14 04:01:08 1996
From: "David Meier" <N4MW@msn.com>
Subject: Heath HP-23 AC power Supply
Message-ID: <UPMAIL06.199610132153580156@msn.com>

I have acquired a Heath SB-110 with HP-13 DC supply.
I would like to buy the matching AC supply and matching speaker.
I might consider trading the DC supply.

Dave N4MW
N4MW@msn.com

From boatanchors@theporch.com Mon Oct 14 15:26:37 1996
From: Merv Schweigert <k9fd@htc.net>
Subject: Holes
Message-ID: <9610142021.AA04195@ns.htc.net>

Greetings BA restorers, does anyone have experience filling holes made in panels by previous owners for unknown reasons. I am working on restoring a couple of old National receivers from the ground up and one has extra holes in the front panel. From my experience welding on thin panel material distorts it badly. I would make new panels but do not know how to engrave the control functions in the new panel. So in order to save the old panel and engraving, any ideas on permanent filling of holes about 1/2 inch in diameter ? They will be repainted so sanding and grinding is no problem.

Also I have noticed the postings on filling engraved markings with paint, but has anyone tried it on wrinkle finish ? How do you keep the engraving visible when painting with wrinkle ?

Going to be in need of some tubes for these projects also, anyone have some 57, 58, 2b7, 2a5, around at a decent price ? If cant find those will have to settle for 77, 78, 6b7, types.

Any chance someone has a S meter from a NC101-x or similiar illuminated NC meter ? Looking for one approx 2 5/8 dia, mounts in approx 2 1/8 hole. Also any coils sets for HRO the old black style around ?

Think maybe the old National bug may have bitten.

Thanks 73 Merv

/////\\
(# #)

-----o00-()-00o-----
:
: Merv Schweigert K9FD Collector of Keys, "Bugs", :
: 9694 S. Prairie Road Paddles, Code related gear :
: Red Bud IL 62278 Crystals and Old Heathkits :
: E-Mail k9fd@htc.net Always looking please call :
: Ph. 618-282-3953 -----73-----:

From boatanchors@theporch.com Mon Oct 14 15:26:37 1996
From: tomrice@netcom.com (Tom R. Rice)
Subject: HP 200 AB Manual needed
Message-ID: <199610141855.LAA23603@netcom14.netcom.com>

After soliciting the usual commercial sources, I'm still in need of the manual for my mint HP 200 AB Audio Oscillator. The AB version of the popular HP 200 series featured a restricted frequency range but increased output power and was very popular with loudspeaker designers and other audio types.

The usual guarantees to defray copy/shipping costs apply.

tnx de WB6BYH

--

"Start off every day with a smile and get it over with." --W.C.Fields
Tom R. Rice
tomrice@netcom.com
CIS: 71160,1122

From boatanchors@theporch.com Mon Oct 14 15:26:37 1996
From: Richard Biddle <rbiddle@madvax.mo.ti.com>
Subject: HS-16A Military Headset from AES
Message-ID: <3262631C.252A@madvax.mo.ti.com>

I was placing an order for some glowFETs from Antique Electronic Supply (602-820-5411) and noticed their catalog had a "mil-surplus" 100 ohm dual headset (AES stock number PA-112) for \$9.99. I figured why not and ordered one.

What arrived was a HS-16A (FSN 5965-160-1055) dual headset still in the prime pack (vacuum sealed bag) with a 1967 date code. The earpieces are made of plastic and the guts are the coil/metal diaphragm type. Sound kind of hollow as expected, but the neat part was the condition -- in a word, perfect. The cloth wire cover was fresh, the canvas pads were fresh, and the rubber coating on the wires was soft and flexible. I know we pay about \$3 for our prime pack bags and things sealed in them stay fresh, but I was impressed.

If you are looking for a 60's vintage military headset to hang on a hook near your R-390A, this looks the part and the price was right.

--

73 de Richard, KB5WLH
rbiddle@madvax.mo.ti.com

<< The Internet - CB Radio >>
<< For The Nineties >>

From boatanchors@theporch.com Mon Oct 14 04:01:08 1996
From: "Cathy Elizabeth D'Entremont" <cdent@tenet.edu>
Subject: Re: Humble Hamfest Report (Cont.)
Message-ID: <Pine.OSF.3.91.961013213223.25157D-100000@beall.tenet.edu>

Not too much to add to Phil, Gary and Al's pretty comprehensive reports except couple items seen, but not mentioned previously and a request for help.

Interesting sight of late in the day: Some old boy pulled into the tailgate area late in the afternoon in a flat-bed truck with a trailer behind it (!) and what had to have been the lb per axle heavy-weight contender of the day. No BA tx/rx...all test gear. I gave up counting after 12 or so HP-608D's, all reasonably intact appearing. I went back <later> in the afternoon and he told me: "Take your pick...ten dollars". Sorry guys, didn't have <another> project in me until I move some stuff ahead in the queue.

Wish I'd brought more money/been more motivated dept: WA5SAJ had an NC-300, with 6 and 2 meter converters in matching cabinet that sold just before closing (reluctantly) to somebody for \$125. Larry wasn't sure if the guy knew what he was getting or not, but wanted to use it for Novice band rx on CW...gee, I forgot to tell him about the BA freqs!

Cedar Rapids in absentia dept: No S-line...except the KWM-2/30L-1 combo (same guy also had a DL-1 which sold and a 516F-2 that didn't) and the 30S-1 already mentioned. No A-line...except the 75A-3 that Phil mentioned. No R-38x/39x, except <one> -392 seen out on tailgate, no price seen.

Westward from Ohio dept: Couple -4A lines, fairly tired, \$180 price seen was presumeably for pair as other set was marked at similar total price for both pieces. No 2-x stuff. Only -7 series seen was a plethora of WH-7 wattmeters (I came home with one).

Sad story from LA LA land dept: Got a chuckle out of sticky label affixed to Swan 270..."Low TX output on some bands. \$75. Tired of trying to maintain rig that has no factory support." Gee fella, they only went out of bidness, oh, about 20 years ago! One 350, no price seen. Heard mention of one 250C, but it must have adiosed before I got around there. Lon, K5JV was peddlin' hard on a Mark II that he had sitting on top of his van...\$300..."with NEW 3-500Z's and SB-220 xfmr/caps in remote power supply". He of often sighted trailer of Viking carcass's (with an HT-37 that seemed to be a recent addition that I peeked at... not hard...no cabinet...to see that it had no pwr xfmr and the gears were lunched. No thanks.

Plea for help dept: I didn't really get to see/do as much as I would have liked as I spent most of the day (yesterday and today) at the NARS club table. W5BKK (Terry) and her mom, Ann were there with a fairly deep selection of the estate of Ken, W5BKK (prior to his becoming a SK and Terry getting her dad's call in a Gate 1 re-assignment). Ken "built his first radio at age 9 (in 1927) from parts he collected on his own and earned his first license at age 13. He was a member of the Northwest Amateur Radio Society and a member of QCWA. To all of his friends on the air, 73 from W5BKK." Any ladies classy enough to have the Houston Chronicle print that

as the obituary for their Dad and Husband are deserving of our support.

Therefore: I'm in the process of compiling an inventory of gear remaining after the sealed bid list that went out to all the club members and after HamCom and need ya'lls help on a couple. I'm compiling a tube inventory right now and will post to the list as soon as complete, but need some help on a few items that are a little bit out of my league. To wit:

Anybody have any info on Eimac 15E's? Look to be UHF TX triodes, NIB, 8/44 date-code. I think Ken may have bought them from a Listmember and never got the chance to use them. What's a fair price, etc? Also need info on GE GL-446A's. Have 4 NIB, also 8/44 date-code and 2 pulls. I'll test all of these I can prior to sale/shipment. Also JAN CWL-327A, 2 NIB. I'm just a young pup...well, OK, not as young as Ben, so I can't steal his line ;-)

but all this stuff is a <little> before my time. Any OT's out there can help me (and Ann and Terry and Laurie) out?

73, Gerald D'Entremont WA5TVM
cdent@tenet.edu

From boatanchors@theporch.com Mon Oct 14 04:01:08 1996
From: Larry Godek <AZCOT@gnn.com>
Subject: Meter repair
Message-ID: <199610140406.AAA13884@mail-e2b.gnn.com>

Hi Gang,

I have a real nice clean Simpson VOM. Only problem is it ain't working and one of the reasons is because the 30v meter inside is dead. This affects the X1000 and X10000 ranges in the Ohms position. It's a little bigger than a standard 9v battery. Right now I'm trying to remember where I left it so I could mention the Eveready part number. This meter came from a Bell company trash bin as unrepairable. Nothing broke except the battery as I can see so far. Any Ideas as to where I might come up with one of them critters? Oh yeah. I just remembered where the battery is. I put it back in the meter so i wouldn't lose it. Neat idea huh?

Larry AZCOT@gnn.com

Gilbert, AZ. 85233

From boatanchors@theporch.com Mon Oct 14 23:13:45 1996
From: Spencer Petri <spetri@e-tex.com>
Subject: Microwave door panels.

Message-ID: <m0vCv3I-0002FcC@e-tex.com>

Hello homebrewer types,

Has anyone ever used the see-thru door panel of a defunct microwave oven as a see-thru with screening on a HB amp to watch those filaments glow and the plate to turn cherry red?

73 de Pete WA5JCI

From boatanchors@theporch.com Mon Oct 14 23:13:45 1996

From: Bob Roehrig <broehrig@admin.aurora.edu>

Subject: Re: Microwave door panels.

Message-ID: <Pine.ULT.3.95.961014224236.12178G-100000@admin.aurora.edu>

On Mon, 14 Oct 1996, Spencer Petri wrote:

> Has anyone ever used the see-thru door panel of a defunct microwave oven as
> a see-thru with screening on a HB amp to watch those filaments glow and the
> plate to turn cherry red?

Sounds like a great idea. One of my finer projects was a linear built into a nice Bud table-top rack cabinet. I found 3 matching meters and the center one was mounted right in front of the tube, with the meter's insides removed, so it acted like a window to watch the plate of the 4-400. No shielding, but it looked pretty.

E-mail broehrig@admin.aurora.edu

73 de Bob, K9EUI

CIS: Data / Telecom Aurora University, Aurora, IL

From boatanchors@theporch.com Mon Oct 14 04:01:08 1996

From: michael.hopkins.1171@corvus.com (Michael Hopkins)

Subject: Morrow Falcon gone, AB5L back

Message-ID: <96101323003326359@corvus.com>

The Morrow Falcon receiver I offered before my old bbs kicked me off for too much boatanchors traffic is gone, but I kept a copy of the manual and, also, have manual for the '560 and one other in the file should anyone need them.

New bbs is a quantum more accomodating.

From boatanchors@theporch.com Mon Oct 14 04:01:08 1996
From: "Allan Fritsche" <fritsche@msn.com>
Subject: My Feeble report on Houston - Hamcom
Message-ID: <UPMAIL03.199610132310540992@msn.com>

Hi Gang, main reason to go to the Humble HamCom was to get the salvaged HQ-145 from Ray Mack. He got from Kevin Pease at Belton a week or two ago. Not much left of the radio, but got the big knobs and a few small ones. Also got a pure white S-Meter that I will use on my existing receiver from HELL. . Great Talking to Gary Harmon and Rick Blank from the list. Remember the Alamo. Of course I saw Phill Mills and He had already bought a old Heath 0-450 power unit for me for Charging Caps. He paid Gary ten and I gave him ten. Should have given him a Nickel more so he could brag about making a profit. Walked around forty or fifty times looking for Gerald and/or Ray. Finally gave up and just when I was leaving, spotted Gerald and Ray. Was able to get the Carcass of the HQ-145 from him. All in All a nice time was had by me... Mainly just getting to know the fellows from the list.

Your Friend Al
fritsche@msn.com

From boatanchors@theporch.com Mon Oct 14 23:13:45 1996
From: jproc@bellglobal.com
Subject: NAVCAT ??
Message-ID: <Chameleon.4.01.2.961014222522.jproc@>

Dear BA'ers,

Very frequently in my research, I run across the reference to 'NAVCAT' in military BA manuals. Am I correct in deducing that this means Naval Catalogue? Is anyone in the group familiar with this book and what was it used for? What did it list?

Regards,

Jerry Proc VE3FAB
E-mail: jproc@bellglobal.com
HMCS Haida Naval Museum
Toronto, Ontario
'Looking for a 'AN/SRC-501'

From boatanchors@theporch.com Mon Oct 14 04:01:08 1996
From: MODSTEPH@ACS.EKU.EDU
Subject: Need partial DX-100 schematic
Message-ID: <01IAM0FJIJG0003H30@ACS.EKU.EDU>

Since the modification to my Viking II first two audio tubes seems to have been "borrowed" from the DX-100, I could sure use a copy of the audio section (first two tubes, anyway) schematic from the DX-100.

Thanks

73, Al N5AIT
modsteph@acs.eku.edu

Allan Stephens
106 Bob-O-Link Drive
Richmond, KY 40475

From boatanchors@theporch.com Mon Oct 14 23:13:45 1996
From: "Nagle, Timothy E EA" <Nagle@P03.EA.unisys.com>
Subject: Needed: Feb. 1993 issue of the Antique Wireless Association 01 d
Message-ID: <3262C54F@po5.cp.unisys.com>

Hello all,

I am looking for articles on the RS-6. I understand it was reviewed in: Feb. 1993 issue of the Antique Wireless Association Old Timers Bulletin.

If anyone can make and send a copy I would appreciate it (and reimburse your costs).

Thanks,

Tim
KB0QOM
(612) 881-4648 (home)
(612) 687-2940 (work)
nagle@po3.ea.unisys.com

From boatanchors@theporch.com Mon Oct 14 04:01:08 1996
From: "D.D. Todd" <dube3@n-link.com>

Subject: Re: Old QSLs
Message-ID: <3261C69E.5B54@n-link.com>

My most treasured card is one sent to me by W5TYT in 1990. It's a Hammarlund card and has the Hammarlund logo in the upper left corner. It's really old and browned along the edges. It has a blue border and along the bottom it says "Courtesy Hammarlund Mfg. Co., Inc. Form APD. 612"

Too bad it didn't have a picture of HQ-180 or something on it. He wasn't even using a Hammarlund for that QSO. But I love the card!

--

Dube Todd

dube3@n-link.com

If we had to tolerate in others all that we permit in ourselves, life would be completely unbearable.

- Georges Courtelline

From boatanchors@theporch.com Mon Oct 14 15:26:37 1996
From: Paul Thekan <Paul.Thekan@eimac.cpii.com>
Subject: PE 49 Generator
Message-ID: <2.2.16.19961014065905.387fcc34@eimac.cpii.com>

Hello All

Does any one out here have or know where can be found a PE 49 generator set. These were used to power the SCR 177 field radio set, using the BC 191. The generators output should be 1000vdc and 12 -14 vdc. Any help is appreciated.

Thankyou & 73
Paul N6FEG

Paul Thekan - Speaking for Himself
Paul.Thekan@pgtp.varian.com

From boatanchors@theporch.com Mon Oct 14 04:01:08 1996
From: Tim Richardson <tim@america.net>
Subject: Powering Up Stored Rigs
Message-ID: <2.2.32.19961013233249.006a78a4@america.net>

Today I purchased from a local ham a Collins 75S1 Receiver and a

Hallicrafters HT-37 Transmitter. The 75S1 looks very good, no scratches, front panel and cabinet paint in excellent condition, very clean inside and out, no mods. I would rank it a 9+. The HT-37 is also very clean, the cabinet has several scratches with some light rust forming, the front panel is in excellent shape except for some small chips in the paint on the bottom edge of the panel. I would rank it an 8. Both radios have the original manuals. I picked up the pair for \$130 and the guy threw in a coaxial TR relay and a generic hand key. I plan to make these rigs my primary ham station.

My question to the group: These rigs have not been powered up in several years. Should I just go ahead and power them up or would it be best to use a Variac and bring up the voltage slowly? I lean towards using a Variac, but don't currently have one. The Lawrenceville, GA hamfest is coming up in a couple of weeks--maybe I could locate a Variac there. Any suggestions from the group are most appreciated.

Tim Richardson, WB4HZT, Acworth, GA <tim@america.net>

"Those who cannot remember the past are condemned to repeat it."-Santayana

From boatanchors@theporch.com Mon Oct 14 04:01:08 1996

From: Jim Garland W8ZR <4CX250B@miavx1.acs.muohio.edu>

Subject: Re: Powering Up Stored Rigs

Message-ID: <v03007804ae8751b59e77@[134.53.65.12]>

>>

>My question to the group: These rigs have not been powered up in several
>years. Should I just go ahead and power them up or would it be best to use a
>Variac and bring up the voltage slowly?

Hi Tim,

I'd bring the voltage up with a variac, just to be on the safe side. Before putting any power to it, however, I'd clean the insides, check the tubes, clean the tube pins and socket pins with DeOxit, and use some DeOxit on the switch contacts. If the rigs don't use solid state rectifiers (I don't recall if they do), then the rectifier tubes will come alive at about 65 Volts. I'd run the variac up to 65 volts and then inch it upwards, letting it sit for awhile in 10volt increments until you reach 115 volts. Based on my experience, you'd probably be okay just plugging the radio in and turning it on (since it's only been unused a few years), but it doesn't hurt to be careful.

73,

Jim W8ZR

From boatanchors@theporch.com Mon Oct 14 15:26:37 1996
From: launerb@crl.com (William H. Launer)
Subject: Re: Powering Up Stored Rigs
Message-ID: <v01530500ae881367f36a@[192.0.2.1]>

Tim,

I recently put my SB-401 xmtr back in service after being in an unpowered state for at least 10 years. Maybe I was lucky, but I simply plugged it in and turned it on. No smoke, and it works fine!

My question is this: How could you resist at least powering up the receiver when you got it home? You have more patience than I have!

73, Bill wb0cld

Bill Launer
St. Charles, MO
launerb@crl.com
wb0cld@wb0cld.ampr.org [44.46.66.25]
qrp-l #279 qrp arc1 #3551
Grid Square EM48RT

From boatanchors@theporch.com Mon Oct 14 15:26:37 1996
From: pmills@A.crl.com (Phil Mills)
Subject: QST's wanted
Message-ID: <199610141505.AA29379@A.crl.com>

I'm looking for some QST's to fill some holes in my collection. If you have any of these you can sell reasonably, please let me know.

1952 - February
1956 - January, February
1957 - April, May, September
1958 - September

1972 - January

1975 - February, November

thanks & 73,
Phil

Phil Mills, AB5TH **** Wanted -- Tek 3A1 plug-in *****
pmills@a.crl.com **** -- 1957 ARRL Handbook *****

713-992-5762

Friendswood, TX (south of Houston)

From boatanchors@theporch.com Mon Oct 14 04:01:08 1996

From: Robert Nickels <ranickel@mwci.net>

Subject: R-390A question

Message-ID: <3261934F.36E7@mwci.net>

Hi All,

I suspect all possible R-390A questions have come up on this list at one time or another, but I'm wondering if someone can give me a steer with what seems to be an AGC problem.

I traded some stuff for another R-390A (this will be the 'basement' radio!) and it works quite well. Came with meters but no nameplate, so I've re-christened it a Stewart-Warner (only nameplate I had on my junkers). The audio is fine with the RF gain backed off a bit, but there is noticable distortion at full RF gain. Doesn't seem to change with AGC delay setting, and is present in both Manual and AGC position. I actually can hear a bit of a "click" at a specific setting of the RF gain control, like it may be a bad pot or perhaps some kind of critical voltage threshold?

Any suggestions will be appreciated. I remember reading posts about some cap that goes south in these radios, and thought this might be a common problem...

Thanks and 73,

Bob KE0T

ranickel@mwci.net

From boatanchors@theporch.com Mon Oct 14 15:26:37 1996

From: Sandra L Knepper <slkst29+@pitt.edu>

Subject: Re: R-390A question

Message-ID: <Pine.GS0.3.95L.961014084549.6442A-100000@unixs1.cis.pitt.edu>

The undisputable "kind" of repair and restoring R-390's is and continues to be Rick Mish in Toledo, Ohio. His phone number is 419-255-6220.

Dave, W3BJZ

Publisher of the monthly Collins Journal

From boatanchors@theporch.com Mon Oct 14 23:13:45 1996
From: k1zat@dsport.com
Subject: rec.radio.amateur.boatanchors
Message-ID: <Pine.GS0.3.95.961014221548.18710A-100000@puff>

Has anyone else notice the new USENET group
rec.radio.amateur.boatanchors "Vacuum tube
based amateur radio" on their ISP ?

I didn't do it Jack.

jd

From boatanchors@theporch.com Mon Oct 14 23:13:45 1996
From: paul Veltman <veltman@netcom.com>
Subject: Re: rec.radio.amateur.boatanchors
Message-ID: <Pine.3.89.9610141908.A13732-0100000@netcom20>

Yeah, I subscribed to it. Only 3 messages last night.

I also didn't do it, Jack. ;-)

Paul WA6OKQ

On Mon, 14 Oct 1996 k1zat@dsport.com wrote:

> Has anyone else notice the new USENET group
> rec.radio.amateur.boatanchors "Vacuum tube
> based amateur radio" on their ISP ?
>
> I didn't do it Jack.
>
> jd
>
>
>

From boatanchors@theporch.com Mon Oct 14 23:13:45 1996
From: Jeffrey Herman <jherman@hawaii.edu>
Subject: Re: rec.radio.amateur.boatanchors
Message-ID: <Pine.GS0.3.93.961014164636.6032A-100000@uhunix3>

Well, I was going to bite my tongue but since you brought it up,

the voting that took place on the rec.radio.amateur newsgroups overwhelmingly was in favor of such a new group, and the control message to create it was just sent out (as a matter of fact, I noticed three "YES" votes came from three different folks at some "jakatak" account!).

I'll look at that new newsgroup as a complement, not a replacement, to our good ol' BA list.

Jeff KH2PZ

On Mon, 14 Oct 1996 k1zat@dsport.com wrote:

> Has anyone else notice the new USENET group
> rec.radio.amateur.boatanchors "Vacuum tube
> based amateur radio" on their ISP ?
>
> I didn't do it Jack.
>
> jd

From boatanchors@theporch.com Mon Oct 14 23:13:45 1996
From: k1zat@dsport.com
Subject: rec.radio.amateur.boatanchors
Message-ID: <Pine.GS0.3.95.961014233439.19148A-100000@puff>

Just showed up on the USENET BA newsgroup.

From: res@cmprime.cis.att.com (Richard E Stealey)
Newsgroups: rec.radio.amateur.boatanchors
Subject: BA at last !
From boatanchors@theporch.com Mon Oct 14 15:26:37 1996
From: "Morton L. Denison" <mdenison@postoffice.ptd.net>
Subject: Repost of S200 Hallicrafters
Message-ID: <32621788.469D@postoffice.ptd.net>

Posted for radios@minot.ndak.net

You did say once that you collect tube type short wave radios, I have an excellent S200 Hallicrafters, Early 60s I think, It is marked off in KC rather than KHz, like the later ones after about middle 60s, also a 1952 Zenith TransOceanic in Exc condition.

the s200 has 5 bands, BC and 49,31,25, and 19 Meter bands.

Contact with above, if interested.

From boatanchors@theporch.com Mon Oct 14 23:13:45 1996
From: rdkeys@csemail.cropsci.ncsu.edu
Subject: Resetting of time of BA/GB nets
Message-ID: <9610142054.AA102939@csemail.cropsci.ncsu.edu>

The BA/GB nets have been running into TOO GOOD o' band conditions lately. It seems the QTC fellers and the bulletin fellers are coming through at 50 over 9 whilst the glowbugs can only seem to muster a 579 on the ether scale. I am moving the BA/GB roundtables back 1 hour as follows, to try to get around the GREAT band conditions, for the winter season (i.e., to get around the QTC and the bulletins):

QRG 7050R500 khz --- change QTR from 0100Z (9pm EST) to 0200Z (10pm EST).

QRG 3579R545 khz --- change QTR from 0200Z (10pm EST) to 0300Z (11pm EST).

QRG 1802R500 khz --- change QTR from 0300Z (11pm EST) to 0400Z (midnight EST).

QRG 3579R545 khz --- Hartley run --- change QTR from 0400Z to 0500Z.

Let us try this for a while and see how it goes. Hope this does not present problems for the folks that can't keep the fires burning beyond 10pm.

73/ZUT DE NA4G/Bob UP

From boatanchors@theporch.com Mon Oct 14 04:01:08 1996
From: Joe Roberts <72411.533@CompuServe.COM>
Subject: Sale/wanted
Message-ID: <961014020523_72411.533_HHB45-1@CompuServe.COM>

FOR SALE

T-368 EXCITER - have 2 as received from Fair Radio- missing a couple IF tubes and the 6000, otherwise complete. One has Collins PT0 and open-frame relay. Other has Cosmos PT0 and sealed relay. Each could use a good cleanup using your favorite BA scrubbing techniques.
\$45 each + \$7.50 UPS

HA-1 TO KEYER Nice shape, seems to work OK to me. Needs replacement foot, will include a good replacement for future owner to install in place of

melted one. \$40 + \$7.50 UPS

WANTED - Buy or trade

Tubes- 5755/420A, 412A, 396A, 5998/421A, 6877, 6900

Daven or similar 600 ohm stepped attenuators with 20 or so 1 or 2 db steps

Daven-type stepped high impedance pots with a lot of steps

FREE WWII TUBES- you pay \$3.00 Priority mail

72, 721A, 723A, 724B. 631-P1 flash tube

Trades get priority, otherwise first-come first served or best sob story.

Will respond to all correspondence in a few days.

Joe N4WQC

Austin, TX

72411.533@compuserve.com

From boatanchors@theporch.com Mon Oct 14 04:01:08 1996

From: "Christopher A. Bowne" <radiobwn@q.continuum.net>

Subject: SAQ Grimeton Receiver Ideas?

Message-ID: <199610140750.DAA11075@q.continuum.net>

I am thinking about putting together a setup to copy the SAQ test transmission that's coming up later this month. In my mind's eye, I can see an article from QST about building an NAA VLF receiver. Does anybody have said article, or know the QST issue it's in? It might be useful to pass on some of the details, esp. how to construct a tuned circuit for 17 kc. As I recall, the QST receiver was a one tube regen, with a huge pie wound coil.

Is the SAQ a true CW signal, requiring a BFO or regenerative detector, or does it have some tone modulation? I was thinking that a simple tuned circuit, coupled to the antenna, driving a diode detector, with plenty of audio amplification following, might be adequate. I have access to lots of audio range signal generators, etc, and I suppose those could be used as a BFO, or injection for a direct conversion receiver, and certainly as a reference signal to find SAQ's frequency.

How about antennae - I would think a beverage would be good. Would an extremely long wire just lying on the ground work? Considering that these frequencies are used for communicating with submerged submarines, that are using antennas surrounded by SALT WATER, a wire lying on the ground would be more like an antenna in free space!

I am also thinking about direct recording the VLF RF signal into a high

performance DAT recorder that works out to 40 kHz, and then detecting the signal off DAT playback, along with driving a spectrum analyzer in the waterfall (frequency vs. time) mode, to "see" the SAQ 17 kHz signals. With a fast enough sample rate, I might even be able to "read" the code from the display.

BW, the Grimeton WebSite is very impressive, esp. the antenna farm!

73,

Chris Bowne, AJ1G
radiobwn@q.continuum.net

Real radios use tubes AND rotating machinery. Transformer generated HV is for wimps. GO DYN0!

P.S. - Anyone given any thought on how to generate 3579.5 kc RF directly using an alternator.....if it had 60 poles, it would only have to spin at 3,579,500 rpm!

From boatanchors@theporch.com Mon Oct 14 04:01:08 1996
From: w9qje@juno.com (Snaproll Stan)
Subject: Savannah Boatanchors and the 8th Air Force
Message-ID: <19961013.155106.5263.0.w9qje@juno.com>

I just got back from a week-long business trip to Savannah, Georgia and although I had been told not to expect to find any boatanchors there I did happen to come across a couple in the new "Mighty 8th Air Force Heritage Museum". The museum is heavy into the role of the B-17 in WWII and had a display of a BC-348-R and a pair of headsets in the Main Combat exhibit and a suitcase style transmitter/receiver set used by the Resistance forces on display in the Escape and Evasion exhibit. Not much in the way of radios but every little bit helps.

Btw, I recommend visiting this museum if you're in the Savannah area. You will be quite impressed by it, especially the presentation of the B-17 bombing mission in their special theater. Turn your hearing aids down (actual advice given by the guide for the benefit of the WWII vets) and prepare for an amazing ride. It alone was worth the price of admission (\$7.50).

The museum has only been open since May and would welcome any donation of items relating to the 8th Air Force, including radios. They can be reached at
The Mighty Eighth Heritage Museum, P.O. Box 1992, Savannah, GA 31402-1992, telephone 1-800-421-9428. I have no association with the museum but am just passing along a request I saw in their fact sheet.

73,
Stan - W9QJE

w9qje@juno.com

From boatanchors@theporch.com Mon Oct 14 23:13:45 1996
From: "Ray L. Mote" <rmote@rain.org>
Subject: Re: Small Parts, Inc.
Message-ID: <Pine.SUN.3.95.961014174045.25555A-1000000@coyote.rain.org>

On Mon, 14 Oct 1996, Richard Biddle wrote:

> Ray, the phone number in your posting, 1-800-423-9009, is a FAX
> machine. Do you have a voice number? Also, will they send a catalog
> for a phone call?

OOPS! You're absolutely correct -- I fouled up (again). Their sales number is (800) 220-4242 8AM-6:30PM ET weekdays. Yes, they will send a free catalog if you ask for one.

73.....Ray Mote, K5FKT <rmote@rain.org> Oxnard, CA ex-W6RIC

From boatanchors@theporch.com Mon Oct 14 23:13:45 1996
From: johnz@earthlink.net
Subject: Something "Grammar", a 50's Gem; and WTB needed parts
Message-ID: <199610142352.QAA13763@denmark.it.earthlink.net>

I received a call a few months ago from another department at the college where I work. They were cleaning out an old stockroom. There was some "ham" electronics stuff and it was going in the trashbin if I didn't get it *now*. I had to stop to put air in the C10's shocks to make it home! One of the most interesting items to me was a little homemade transmitter and matching

antenna tuner, each in trap door top "Bud" boxes. The transmitter uses an inductively neutralized 6146 final driven by a 5763 oscillator. The construction on each of these items is very impressive; they look close to commercial in nature. After replacing a dual electrolytic the transmitter works nicely and I have made a number of contacts with it.

Then, a few days ago, I was randomly reading old 50's QSTs when I stumbled across the December, 1952 issue (pg 23). There was an *exact* "replica" of my transmitter! (I know, this is the other way around!) Some more reading in the same era led me to the antenna tuner in March, 1953 (pg 17) and a matching modulator (which I didn't get) for the transmitter in May, 1953 (pg 19).

1. I would really like to restore this tuner; it has no coils. All of the coil particulars are given in the article but the unit uses a Millen type 41305 straight line 5 pin socket. The matching plugs are Millen type 40305. Would anyone have three of these plugs (even one would be a start) so I could make the coils or be able to point me in a direction where they might be obtained?

2. I have always dreamed of building an AM modulator but got my ticket in the SSB era. Here is my chance to do this with a purpose and complete this little station. The article calls for an approximately 30 watt adjustable ratio modulation transformer such as an UTC CVM-1. Would anyone have one of these, or something similar that would work, that they could supply? I could finally then say that I built something "Grammer" myself!

Thanks

John Zitzelberger, WB6JJE
1563 El Cerrito Drive
Thousand Oaks, CA 91362

johnz@earthlink.net

From boatanchors@theporch.com Mon Oct 14 04:01:08 1996
From: Erwin Cremers <ecremers@ingram.nl>
Subject: Sommerkamp FLdx and FRdx-500 info needed
Message-ID: <9610140856.AA19832@solair1.inter.NL.net>

Hello fellow boatanchorists,

I recently bought these Sommerkamp items. The receiver seems to work fine although it could use some alignment. I was wondering if there are other users of these radio's on this list.

An other radio that i have is a Hagenuk old ship radio and i have non info on this one at all, so any info no this brand would be welkom as well.

The last question i have is if there are any other people for The Netherlands on this list, i would like to exchange info on a lokal level as well.

greetings,

/////Erwin Cremers\\\\\\
Dutch HAM radio operator
-PE1MGR-
\\

From boatanchors@theporch.com Mon Oct 14 15:26:37 1996
From: jcreid@CCGATE.HAC.COM
Subject: SP-600 info for database
Message-ID: <9609148453.AA845310580@CCGATE.HAC.COM>

BA'ers,

I can't recall if there is someone on the list who is maintaining the production numbers for the Super Pro's, but here's the info on my new one:

Model No.:SP600-JX-26

Serial No.:11918

On the tuning capacitor cover there is a sticker that says:

"FOR DIRECTION FINDING OPERATION - REMOVE WHITE-BLACK LEAD
FROM SCREW TERMINAL NUMBER 8 ON TERMINAL BOARD E13 AND
CONNECT TO SCREW TERMINAL NUMBER 7"

The radio seems to be complete except for the missing Allen wrenches and one of the metal pop-in covers on the main tuning box. The power cord is decomposing quickly so that will have to be changed before proceeding. I do have the re-cap kit that Roy Morgan was offering awhile back, so when I have some time and room on the bench, it will be ready for the blackcapectomy. Stay tuned.

-Jim N6SVS
jcreid@ccgate.hac.com
Gardena, CA

From boatanchors@theporch.com Mon Oct 14 15:26:37 1996
From: Bob Roehrig <broehrig@admin.aurora.edu>
Subject: Re: SP-600 info for database

Message-ID: <Pine.ULT.3.95.961014123129.16878C-100000@admin.aurora.edu>

On Mon, 14 Oct 1996 jcreid@ccgate.hac.com wrote:

it will be ready for the blackcapectomy. Stay tuned.

Blackcapectomy!!!! LOVE IT!

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL

From boatanchors@theporch.com Mon Oct 14 23:13:45 1996

From: john <johnmb@mindspring.com>

Subject: SRR-274 info sought

Message-ID: <2.2.16.19961014191145.3e3f074a@pop.ral.mindspring.com>

I find myself the "temporary" caretaker of a radio built by Halli with a owner applied label of "srr-274" on the front panel. The original nomenclature plate is sadly missing. It is a mil unit, and included in the tabletop rack is a panel with speaker, matching transformer, and a bi-color LED indication signal level at the speaker, and / or perhaps clipping?

The speaker assembly is labeled as LS-169G manufactured by Soncraft Inc for Naval Ship System Command.

I have the Dachis book and have read the little background on this rig, but would like to hear more information about it. Are there many of these around? Do I understand that it was Halli's attempt at implementation of the SP600 for the government?

I CAN tell you that it works great, and I love the radio... Its a wonderfully constructed rig with great audio.

Any and all information greatly appreciated. If there are any other owners out there, I'd like to compare notes...

Thanks very much,
/John

```
+-----+
|John Brewer          johnmb@mindspring.com      |
|WB50AU/4             AMI #24                    Clayton, NC |
|Vintage Gear web page: http://www.mindspring.com/~johnmb/ |
+-----+
```

From boatanchors@theporch.com Mon Oct 14 15:26:37 1996
From: "Benjamin D. Hall" <bdhall@ghgcorp.com>
Subject: Stuff for sale, price reduced, some new stuff
Message-ID: <3262792F.7499@ghgcorp.com>

Hi Folks, came to the conclusion that even if I stay in the Houston area I am going to look for a smaller, less expensive apartment, so I have reduced prices on some stuff and added other stuff. If you are interested, I'll send more information as I don't want to clog the list with unneeded traffic. Shipping not included, prices negotiable, I'd prefer pickup but will ship if need be.

* NC-100A "Special" with the low freq band rather than AM BC - Now \$150.

* Hammarlund HQ-140-XA with matching speaker and original manual, works well, looks good - \$260

* Hammarlund Pro-310 missing case, works, S-meter has problems, in okay to good shape, complete except for the missing case. Here is the deal on the Pro-310: 310's are rare, and I'd like to pass this rare bird along to a Hammarlund collector who will restore it. I am selling it because even though I am a self-appointed H'lund collector, it doesn't do much for me. Don't know what to ask, interested? Lets chat.

Thanks and 73,
Ben

--

From the computer of	Collector of fine firebottle
Benjamin D. Hall, Houston Texas	equipment, as well as other things
BDHall@GHGCorp.com -or-	involving Earth, Air, Water, and
BHall@GP802.JSC.NASA.gov	Fire.

"When you clock the human race with the stopwatch of history, it's a new record every time."

From boatanchors@theporch.com Mon Oct 14 23:13:45 1996
From: Paul Bernhardt <bern@ppdu.nrl.navy.mil>
Subject: Travel to Austin
Message-ID: <Pine.A32.3.91.961014184302.33117A-100000@ppdu.nrl.navy.mil>

Dear Texas BA Experts,

I just learned that I will be in Austin for a meeting on 18 October. I could travel stay over the weekend for BA explorations. Can someone recommend any opportunities to purchase military or communications radios

and related materials in the Houston, Austin, San Antonio, and surrounding area?

Thanks, Paul Bernhardt, KF4FOR

From boatanchors@theporch.com Mon Oct 14 04:01:08 1996

From: "D.D. Todd" <dube3@n-link.com>

Subject: Tube cross-reference

Message-ID: <3261C92B.562C@n-link.com>

It must've been posted here before and I missed it. Can someone email me the information on crossing military VT numbers to the "standard" tube identification?

Or

point me to the location where it can be found?

Thanks and 73,

--

Dube Todd

dube3@n-link.com

If we had to tolerate in others all that we permit in ourselves, life would be completely unbearable.

- Georges Courtelline

From boatanchors@theporch.com Mon Oct 14 04:01:08 1996

From: MODSTEPH@ACS.EKU.EDU

Subject: Two SUPER days, with BA's...

Message-ID: <01IALZV46WIQ003IKX@ACS.EKU.EDU>

Gang:

This weekend was the 20th annual Kentucky Guild of Arts and Craftsmen Fair at Indian Fort Theater near Berea, Kentucky. As part of the festivities our local radio club set up a special event operation at the site and operated as demonstration of ham radio, giving out information to those who stopped by.

We had two as beautiful days as one could wish for: 50's in morning, warming up to about 70 each day. Setup in an oak woods (along with all the arts and crafts booths, food, etc.) where the leaves are almost at full color.

"Main" station for the operation were two sand state transceivers (one as back-up), and the idea was to operate mainly on 40 and 20 phone. I brought MY newest station, the Drake R-4B/T-4XB to set up my own addition to the cause... also the MN-2000 antenna tuner. They gave me the 40 meter dipole to use, while using

the multiband one with the other rig.

As it turned out, they spent most of their time trying to get through the PA QSO party. In the meantime I got on CW and started making the QSO's. The 40 dipole worked fine on 40, 30, 20 and 15 (and my xmtr never knew, thanks to the MN-2000), and I managed to work coast to coast, border to border, ALMOST worked South Africa and the Isle of Wight (and could have, had I the patience to sit and keep after them)...

But the people who stopped by took the time to look over MY shoulder. Not much of interest as the others called CQ or tuned through the PA party people. My favorite was a grandfather explaining to his five-year-old grandson what I was doing, and watching the child's face light up as the guy on the other end talked to him through morse code. There still IS mystery and magic in CW, and the Drake station looked much more interesting (of course!). I was pleased that a couple of our no-code members showed more interest in following along my CW QSO's. Maybe some encouragement for them!

Just to show it could be done, I did work a couple of SSB QSO's :)

Anyway, it was two beautiful days in beautiful surroundings with a chance to show off my favorite BA twins... and I ended up with most of the attention and the bulk of the QSO's we made for the two days. Great way to spend a weekend!

73, A1 N5AIT
modsteph@acs.eku.edu
Allan Stephens
Richmond, Kentucky
LOOKING FOR (WTB): Morrow RTS-600S ps/spkr
Multi-Elmac M-1070 ps
Harvey-Wells APS-50 ps

From boatanchors@theporch.com Mon Oct 14 04:01:08 1996
From: billo@nti.net (Bill Wilson)
Subject: RE: UPS Tale
Message-ID: <19961013223826201.AAA46@LOCALNAME>

Dan Martin wrote that his EFJ gear was smashed even though it was double boxed. I just got a 75A1 through UPS and it too was double boxed...no problem at all. The difference might be that the radio in the first box was braced by heavy foam and foam type blocks, then the boxed radio was packed into a bigger boxed also secured by blocks of

foam...peanuts were used to fill in the gaps. I have sent R390's this same way with no problems at all. It seems like everytime a radio is smashed by UPS it is usually the fault of the packing materials used when the radio gets dropped by that conveyer belt. The problem is that some folks selling their BA gear often do not pack it right to withstand getting dropped, kicked and abused. It might be worthwhile to send the seller the right type of packing materials as added insurance if he does not have the right stuff.

Just my .02 worth,

Bill
AC4LC

From boatanchors@theporch.com Mon Oct 14 23:13:45 1996
From: "Steve Brandt" <sbrandt@usinternet.com>
Subject: Using AC-DC Radios on DC
Message-ID: <19961015031737651.AAA177@sbrandt>

Just an idle thought while I'm pondering the hum that persists in my Hallicrafter's S-120 after I've replaced the filter capacitors: Has anyone ever run AC-DC radios like this one or the kindred AA5's on DC? How did it work? What did you use for a supply?

By the way the S-120, not this one but the one I had in '63, was the first real radio I owned after exhausting the possibilities of BCB DX with junker radios that people gave to me, so I really want it to sound good.

Steve Brandt/WA0GKX
sbrandt@usinternet.com

From boatanchors@theporch.com Mon Oct 14 23:13:45 1996
From: Karan Lee Carruth <klccarru@tenet.edu>
Subject: Want info on HRO-50
Message-ID: <Pine.OSF.3.91.961014212402.1364A-1000000@francis.tenet.edu>

Does anyone know during what years the HRO-50 was produced and what the original price was? My 1942 Handbook shows the HRO and my 1957 Handbook shows the HRO-60. I don't have any in between.

Thanks for the help.

Lenox, EA50VG
klccarru@tenet.edu

From boatanchors@theporch.com Mon Oct 14 23:13:45 1996
From: Bob Roehrig <broehrig@admin.aurora.edu>
Subject: Re: Want info on HRO-50
Message-ID: <Pine.ULT.3.95.961014230009.12178J-100000@admin.aurora.edu>

On Mon, 14 Oct 1996, Karan Lee Carruth wrote:

> Does anyone know during what years the HRO-50 was produced and what the
> original price was? My 1942 Handbook shows the HRO and my 1957 Handbook
> shows the HRO-60. I don't have any in between.

As near as I could tell from old QST ads, the 50 came out around 1951
and was priced around \$359.00 the 50T1 was about \$383.00. I don't
know how long they were made.

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL

From boatanchors@theporch.com Mon Oct 14 23:13:45 1996
From: nielw@ix.netcom.com (Niel Wiegand)
Subject: Re: Want info on HRO-50
Message-ID: <199610150358.UAA17269@dfw-ix9.ix.netcom.com>

Lenox, the "HRO-50" came out in 1950 selling for \$349. National only
sold it for a year before coming out with the "HRO-50T1" (or HRO-50R1)
for \$383.50. They added a another IF stage to improve performance. This
receiver was replaced by the HRO-60 in 1952.

73, Niel - WA5VLZ

You wrote:

>
>
>Does anyone know during what years the HRO-50 was produced and what
the
>original price was?

>Lenox, EA50VG
>klccarru@tenet.edu
>

From boatanchors@theporch.com Mon Oct 14 04:01:08 1996

From: Paul Bernhardt <bern@ppdu.nrl.navy.mil>
Subject: West Friendship MD Hamfest
Message-ID: <Pine.A32.3.91.961013183359.46818A-100000@ppdu.nrl.navy.mil>

BA Gang,

Good BA's were to be found at the Columbia ARA Hamfest held today at the Howard County Fairgrounds in MD. I bought a HQ-120-x receiver and a Model SB-8 Panoramic Panalyzer. One fellow had a box of Tech. Manuals for \$1 each. I picked up several manuals on SCR-522, AN/VRC-2, etc.

Saw a Collins 51J for sale at \$150. Also saw CR-88, BC-348, Gibson Girl that sold quickly.

In general was worth the trip. Many of the BA bargains sold early.
Paul Bernhart, KF4FOR

From boatanchors@theporch.com Mon Oct 14 04:01:08 1996
From: k7yha@juno.com (Richard H. Arland)
Subject: Weston 777 Tube Tester Update
Message-ID: <19961014.004324.7831.4.k7yha@juno.com>

IT WORKS!

Just brought it up stairs and tried it on a couple of tubes I have laying around and it works fine. Just like the instructions said it should.

There is some mildew on the case and under the meter glass, but it is a BIG meter and you should have no problem removing the front to get to the meter face.

Looking for Hallicrafters stuff: SX-117 or HT-44 or possibly a S-38 if it is in exc condition. Failing any Halli gear, I'm always on the lookout for interesting Heathkit stuff.

73 rich K7YHA

From boatanchors@theporch.com Mon Oct 14 23:13:45 1996
From: mknudsen@lucent.com
Subject: Re: Why Do We Call It "Radio"?
Message-ID: <9610141836.AA00409@bock.ih.lucent.com>

Sandy is right about "wireless" being older, and applying to 2-way telegraphy. "radio" was coined for broadcasting, since the single "radiates" in all directions for all the listeners.

So, historically speaking, AM, FM, and SW BC are all "radio" but the cop cars and we hams do "wireless." But when we call "CQ" we're more like "radio" since we're aiming to establish "wireless" contact with anyone in any direction (usually).

Ironical but appropriate that "wireless" is coming back in America as the generic term for newer forms of paging and cellular telephony. It sounds antique but it gets the message across -- no stinkin' wires!

I wonder if "wireless" must have sounded a little oxymoronic to someone in the early days of radio when contemplating a 40-acre VLF antenna farm? 73, mike k aa9rg

From boatanchors@theporch.com Mon Oct 14 23:13:45 1996
From: "John Goller" <k9uwa@cris.com>
Subject: WTB: Collins & Halli
Message-ID: <199610150149.VAA25618@cliff.cris.com>

Hello BA'ers

Boatanchors needed: or Want List:

1. Halli SX-115 in nice condition
2. DX-Engr'ing Speech Processor for KWM2
3. Power Supply and Speaker for KWM-1

Thanks for the assistance in filling the needs...de JOHN K9UWA
John K9UWA

k9uwa@cris.com

From boatanchors@theporch.com Mon Oct 14 04:01:08 1996
From: dvorkin@pcs.mot.com (Vlad Dvorkin)
Subject: WTB: Old publications on TRF & regen. radio design
Message-ID: <199610132214.SAA12429@iron65.pcs.mot.com>

Hello,

I am looking for any old articles, books and other publications on the TRF and regenerative radio design.
Please reply to Vlad: dvorkin@pcs.mot.com

Regards,
Vlad
KB9OLM

From boatanchors@theporch.com Mon Oct 14 04:01:08 1996

From: "Lawrence R. Ware" <lrware@pipeline.com>
Subject: WTB: Simpson 260, Tripplett 630, etc.
Message-ID: <1.5.4.16.19961013232554.2ba787d0@pop.pipeline.com>

Good Evening Folks:

Much as I hate to admit it, I have run into a minor problem.
Discovered a little while ago that I have no meters in this
place that can measure above 1KV DC with any accuracy... :-(
>->#@\$%&***#\$\$!! Seven different meters ranging from \$10 to \$400
and not a one of them is rated above 1KV!

So, anybody have a working Simpson 260 or Tripplett 630 series
they want to part with? The 2KV versions would be acceptable,
the 6KV units even nicer.

Thanks,
-Larry

PS: please note new ISP and new e-mail address.

Crazy Larry's Home for Wayward Test Equipment & Old Radios (tm)
Let your equipment retire in sunny central Florida.
Intensive Care, Private Bench Space, Frequent Use,
Factory trained HP, Tek. & Fluke Surgeon on staff.
Good Home Guaranteed or double your junk back!
lrware@pipeline.com, - Orlando, Florida -

From boatanchors@theporch.com Mon Oct 14 15:26:37 1996
From: "E.V. Sandy Blaize" <ebjr@worldnet.att.net>
Subject: Re: WTB: Simpson 260, Tripplett 630, etc.
Message-ID: <19961014135132.AAA4762@LOCALNAME>

At 03:46 AM 10/14/96 +0000, you wrote:

>Good Evening Folks:

>Much as I hate to admit it, I have run into a minor problem.

>Discovered a little while ago that I have no meters in this

>place that can measure above 1KV DC with any accuracy... :-(

>->#@\$%&***#\$\$!! Seven different meters ranging from \$10 to \$400

>and not a one of them is rated above 1KV!

>

>So, anybody have a working Simpson 260 or Tripplett 630 series

>they want to part with? The 2KV versions would be acceptable,

>the 6KV units even nicer.

Ahhh! Your friendly "Big Brother" looking after your welfare and
safety!

Some dumb bureaucrat (probably at OSHA) decided that the 5000 v range on the
Simpsons and the 6000 v range on the Tripletts were invitations to people to

probe around randomly in voltages in that range. I VERY distinctly remember the manuals warning you when this range was used, that you should NOT connect or disconnect the meter probes on the circuit under test when it was LIVE! So

a regulation was passed to eliminate the range!

Don't you feel "protected"? (Big Grin)

73

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, modified, traded & used!"

ebjr@worldnet.att.net

417 Ridgewood Drive

Metairie, LA., 70001

{Still looking for: Hallicrafters SR-75, and 860 tubes!}

From boatanchors@theporch.com Mon Oct 14 04:01:08 1996

From: provero@connix.com

Subject: WTD: Heath IT-21 Manual, Hickock 292X meter

Message-ID: <199610140026.UAA06219@comet.connix.com>

Wanted to buy/trade/deal for:

Manual for Heathkit IT-21 tube tester. I have the supplemental tube settings dated 1/1/65, 1-1-74 and 1-1-78 from the Heath Tube Data Service. Even some "on-the-net" instruction from someone familiar with it might help.

Front Panel Meter for the Hickock 292X. A meter from a 292/288 or other Hickock signal generator might substitute. The meter is 5 inches wide by 2.5 inches high, a horizontal "edge" meter. Judging by the 4700 ohm shunt and nominal volt or so seen across it, I'd guess it's a 250-500 microamp movement. I *could* put a non-matching

square meter there, but would like to find one that looks right.

The rest of the sig gen works well, just no metering. The meter is labeled "Model 50-292X Hickock Instrument Company..."

Thanks in advance,

P.J. "Josh" Rovero	home:	provero@connix.com
Meteorologist	radio:	KK1D
Oceanographer	work:	rovero@sonalysts.com
Curmudgeon-at-Large	web:	http://www.sonalysts.com/